



FAÇADEFIRST ARCHITECTURAL ENVELOPES

FaçadeFirst Methodology is suitable for:

Any type of buildings, high/low rise buildings | apartments | commercial buildings | hotels | hospitals | shopping centres | timber buildings | precast concrete buildings | car parks.

FaçadeFirst is a methodology of construction, using the original design of the architect's building façade. Therefore, nothing changes, but all old dangerous practices and methods are eliminated and delays and costs are reduced substantially.

Stage 1 – Developers or Architects

It is important that FaçadeFirst is introduced and designed at the developer or architect stage. The design of façade is most important and must be ordered early as possible as FaçadeFirst goes up first before the building, providing a Perimeter Protective Safety Cocoon. Construction of the floors is done inside the Perimeter Protective Safety Cocoon.

Stage 2 – Engineer FaçadeFirst

After stage 1, engineers will design and engineer the building and FaçadeFirst, so that FaçadeFirst can be installed as part of the buildings and provide the safety cocoon and remain on the building when the building is completed.

Stage 3 – Manufacturing of FaçadeFirst

Engineers and manufacturers will design and engineer the manufacturing of FaçadeFirst using the architect's original designs.

Stage 4 – Delivery and Installation of FaçadeFirst Façade

Once manufactured, FaçadeFirst is installed when a building is at ground level or one (1) or two (2) floors high, so that FaçadeFirst provides a Perimeter Protective Safety Cocoon. The perimeter of the building is covered on all sides by FaçadeFirst, at least two (2) floors high above the last floor. FaçadeFirst is secured to the floor connection points.

Stage 5 – Installation of FaçadeFirst All the Way Up

FaçadeFirst is installed at least 2 floors above the last floor until the building is complete.

Stage 6 – FaçadeFirst to Remain on Buildings

Once FaçadeFirst reaches the top of the building, FaçadeFirst remains on site as the permanent façade, job completed.

BENEFITS AND ELIMINATION

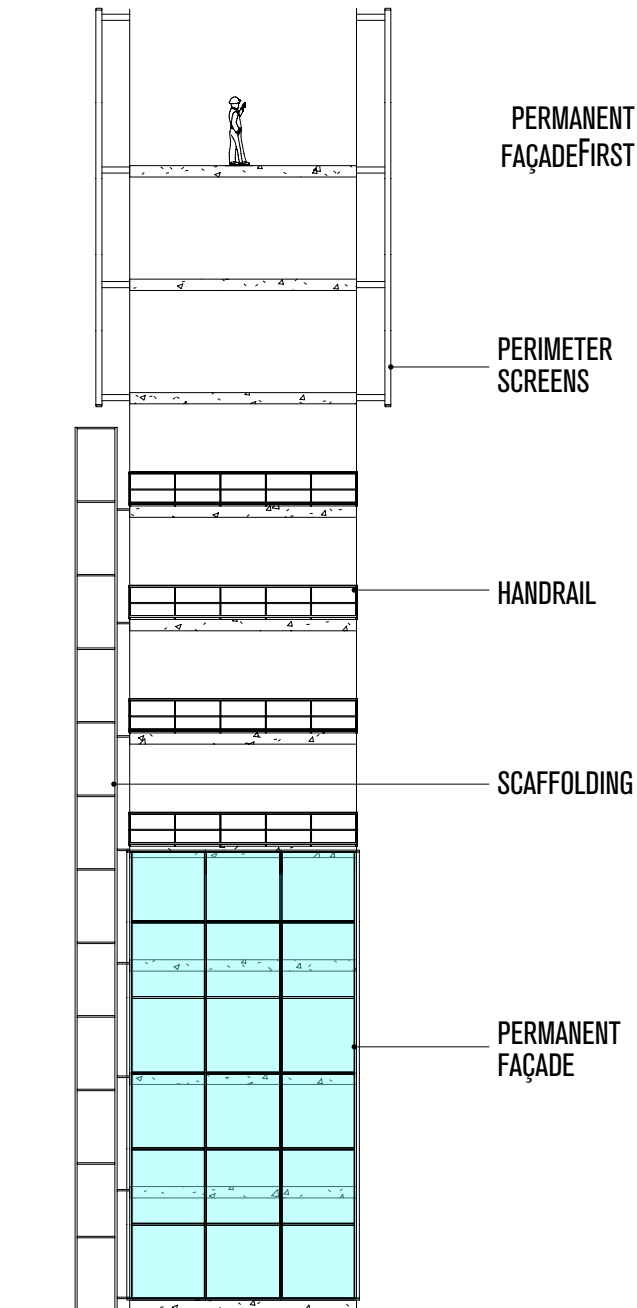
NO perimeter screens, NO scaffolds, NO extra perimeter protection, NO perimeter handrails, NO labour required, NO storage of façade on floors, NO crane lift required, NO double handling of façade, NO delays, NO cleaning of façade due to fallen stains and building wastes.

INCREASED PRODUCTIVITY | SAFETY | REDUCED COST

Preston Australia Pty Limited
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Silverwater NSW 2128
Australia

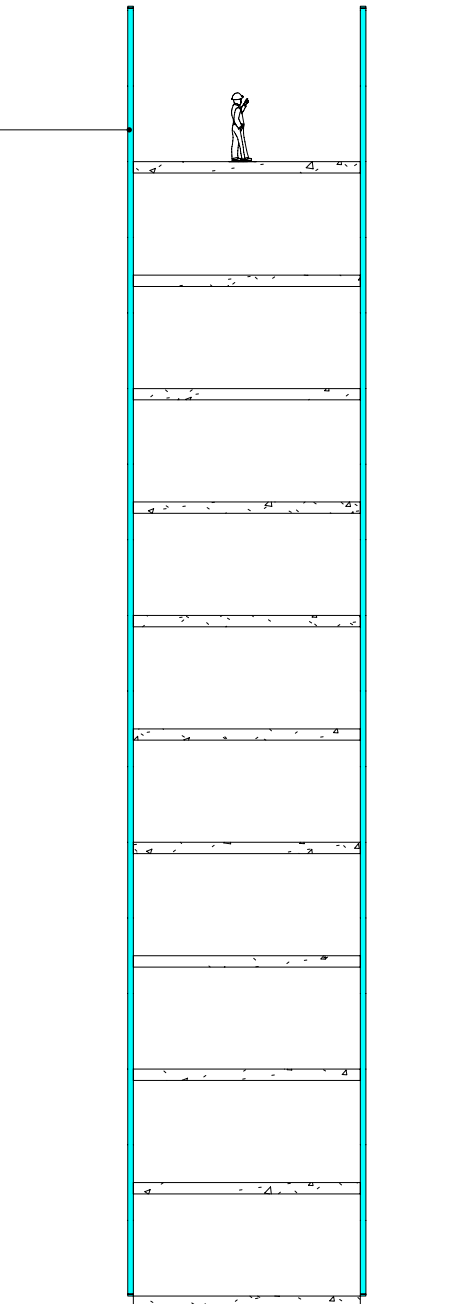
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OLD CURRENT METHODOLOGY



- YES PERIMETER SCREENS**
- YES SCAFFOLDING**
- YES HANDRAIL**
- YES FALL ARREST PROTECTION**
- YES STORAGE OF FAÇADE ON FLOORS**
- YES DOUBLE CRANE HANDLING OF FAÇADE**
- YES DELAYS**
 - **LOW PRODUCTIVITY**
 - **HIGH COST**

NEW FAÇADEFIRST™ METHODOLOGY



- NO PERIMETER SCREENS**
- NO SCAFFOLDING**
- NO HANDRAIL**
- NO FALL ARREST PROTECTION**
- NO STORAGE OF FAÇADE ON FLOORS**
- NO DOUBLE CRANE HANDLING OF FAÇADE**
- NO DELAYS**
 - **INCREASED PRODUCTIVITY**
 - **LOWER COST**



FAÇADEFIRST

THE CONSTRUCTION INDUSTRY GAME CHANGER

For the past 50 years, improvements or innovations in the construction industry have been limited and if there was an innovation, it was usually a better version of an existing product, not a construction methodology of how to construct a building better and faster.

The Economist Magazine reported *"the construction industry is the least improved in innovation of all other industries"*.

Over 50 years, nothing substantial has changed in the methodology of the construction of a building.

Improvements in construction products have been made and added to the construction of a building, but buildings under construction are now **over loaded with "add on" and "bits and pieces" of improvements.**

FaçadeFirst has deconstructed the current methodology, eliminated most of **the "add on" and "bits and pieces"** such as perimeter safety screens, scaffolding, perimeter handrails, etc, resulting in substantial cost reduction and less delays.

FaçadeFirst is the new modern methodology of construction. FaçadeFirst is a major game changer. The current construction methodology is floor first and façade later, FaçadeFirst is the reverse.

FaçadeFirst is *"façade first and floor later"* **therefore**, eliminating many dangerous, complicated and costly systems and methodologies. FaçadeFirst is a new innovative methodology of construction eliminating many costs and delays.

ELIMINATE:

NO perimeter screens, NO scaffolding, NO handrails, NO fall arrest protection, NO storage of façade on floors, NO double crane handling of façade, NO delays, INCREASED PRODUCTIVITY and REDUCED COST.

INCREASED PRODUCTIVITY | SAFETY | REDUCED COST

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INVESTORS WANTED BUSINESS OPPORTUNITY

- ❖ TO PURCHASE FAÇADEFIRST PATENTS AND IP ANYWHERE IN THE WORLD
- ❖ TO PURCHASE A LICENCE TO USE FAÇADEFIRST ANYWHERE IN THE WORLD

NEW INNOVATIVE MODERN CONSTRUCTION METHODOLOGY

The Business Opportunity

FaçadeFirst business is a huge business opportunity to grow into a progressive consultancy delivering engineering excellence, design innovation and advisory to clients worldwide. Façade and building envelopes represent a \$20 billion market in Australia only.

What is FaçadeFirst

FaçadeFirst is a smart innovative methodology to build any building with NO perimeter screens, NO scaffolding, NO handrails, NO fall arrest protection, NO storage of façade on floors, NO double crane handling of façade, NO delays and much more benefits.

Where can you use FaçadeFirst

FaçadeFirst can be used on any building including but not limited to:

high/low rise buildings | apartments | commercial buildings | concrete buildings | shopping centres | hotels | hospitals | timber buildings | carparks | any buildings with a façade or architectural envelopes.

Patents and Intellectual Property

FaçadeFirst is protected by Patents and Intellectual Property. To use FaçadeFirst, you must purchase a Licence or purchase a Patent in a region or country.

Prices to purchase FaçadeFirst Patents or Licences

Prices will be negotiated for each application.

Purchase a Patent for a Country or Territory worldwide

FaçadeFirst is for sale for each Country or Territory anywhere in the world. Patents are available in 192 countries.

INCREASED PRODUCTIVITY | SAFETY | REDUCED COST

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FAÇADEFIRST - The Game Changer

TO THE DEVELOPERS – DO YOU WANT TO REDUCE YOUR BUILDING COST

COSTS AND PROFITS

A Developer is always searching for better designs, cost reduction and a good return on funds.

FaçadeFirst is a major contributor to reducing cost and returning good profits

Why? Because FaçadeFirst is a new methodology that builds with:

NO perimeter screens, NO scaffolding, NO handrails, NO fall arrest protection, NO storage of façade on floors, NO double crane handling of façade, NO delays and many more benefits.

The savings on costs are huge due to having NO temporary equipment above which are a nuisance, costly and constantly delaying the projects.

WHERE CAN FAÇADEFIRST METHODOLOGY BE APPLIED

On all buildings including but not limited to high/low rise buildings | apartments | commercial buildings | concrete buildings | shopping centres | hotels | hospitals | timber buildings | carparks | any building with a façade or architectural envelopes.

WHEN SHOULD FAÇADEFIRST BE INTRODUCED

FaçadeFirst must be introduced at the Developer and or Architect stage, to be incorporated into the Architectural design.

BENEFITS AND ADVANTAGES

- ❖ Reduced cost and interest
- ❖ Reduced/no delays
- ❖ Increased productivity
- ❖ Increased safety
- ❖ Better and different façade designs not seen before
- ❖ Quicker turn around on funds
- ❖ Good return on investment (ROI)
- ❖ Using FaçadeFirst will give Architects advantages of reduced cost and different designs
- ❖ FaçadeFirst is a game changer

Different | Good | Innovative

INCREASED PRODUCTIVITY | SAFETY | REDUCED COST

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FAÇADEFIRST™ INNOVATION

PATENTED WORLDWIDE

CAR PARKS | APARTMENTS | COMMERCIAL BUILDINGS PRECAST CONCRETE BUILDINGS | LOW & HIGH RISE BUILDINGS

- ❖ More than ten (10) expensive steps have been eliminated on the best construction practice.
- ❖ Huge cost saving | Increased productivity | Less time on site.
- ❖ Faster | Simple | Safer construction.

FAÇADEFIRST INCLUDES	COST SAVINGS AND BENEFITS
Scaffolding or safety perimeter screens for the protection of the workers and falling objects.	NO external scaffolding or protection screens required for perimeter of the car parks or buildings.
Handrails for perimeter of the buildings	NO handrails required on perimeter.
Safety Crash Barriers (car park)	NO internal Crash Barriers required as façade is a structural Crash Barrier as part of the façade.
Wheel Stop (car park)	NO floor Wheel Stop required as the wheel stop is welded to the floor and is part of the façade.
Structural support for concrete slab on perimeter of car parks or buildings, if required.	NO concrete columns required to support the concrete slab on the perimeter.
Façade for external permanent finish of car parks or buildings appearance.	NO external bolting of façade. No supply and installation of a separate costly façade.
Edge of concrete formwork is incorporated as part of Façade.	NO supply or fixing of edge of formwork as the façade includes the slab edge formwork.
Hoarding on street to protect public.	NO hoarding on footpath.
All the above and more is incorporated in a FAÇADEFIRST, reducing delays.	NO EWP or other access equipment on perimeter of car parks or buildings.
ADVANTAGES: <ul style="list-style-type: none">▪ Huge cost saving▪ Greatly increases productivity▪ Less time on site, creating faster construction time and shorter schedules▪ Each FAÇADEFIRST panel can be detached for quick and easy repair if damaged by vehicles crashing or other reasons▪ FAÇADEFIRST can be manufactured from any material, steel, aluminium, glass, composite material, concrete, etc and can also be HOT DIPPED GALVANISED for long life	<ul style="list-style-type: none">▪ LESS workers on site▪ LESS crange of equipment and façade▪ LESS double crane handling of façade▪ LESS storage on site including façade▪ LESS work on site greatly increasing productivity▪ LESS interference to other trades on site▪ LESS construction time on site▪ LESS maintenance and repairs due to its innovative design for the life of the façade

- ❖ The design of the FAÇADEFIRST is preferably galvanised steel with coloured sections to suit client's design or maybe aluminium, glass, concrete, windows, etc, your choice.
- ❖ Numerous interesting innovative FAÇADEFIRST designs are available to suit client requirements.
- ❖ **Your imagination is the only limit to the FAÇADEFIRST style and design.**
- ❖ Request more information and any update.

THE FAÇADEFIRST PATENTS

PATENTED WORLDWIDE IN 192 COUNTRIES

CAR PARKS | APARTMENTS | COMMERCIAL BUILDINGS
PRECAST CONCRETE BUILDINGS | TIMBER BUILDING
LOW & HIGH RISE BUILDINGS

Suitable for:

Car Parks | Apartments | Commercial Buildings | Precast Concrete Buildings | Low & High Rise Buildings | any Buildings

The Patented Innovation:

1. The Methodology of the FAÇADEFIRST Technology is an external façade designed by the builder erected before the next floor is installed. Therefore, creating numerous advantages as the façade is always ahead of the highest top floor whilst providing continuous fall prevention to workers on site at all times.
2. FAÇADEFIRST will provide a **Protective Safety Cocoon** up to 8 metres high, which will eliminate scaffolding, perimeter screens, handrails, prevent workers and objects falling and other fall protection including but not limited to street hoardings.
3. The fall **Protective Safety Cocoon** may be up to 8m high depending on the design and the floor to floor measurements.
4. When the next FAÇADEFIRST is erected on top of the existing installed FAÇADEFIRST above the highest top floor, the newly erected FAÇADEFIRST and fall prevention can be up to 8m high or higher.
5. When the highest top floor is poured or installed, **there is a Protective Safety Cocoon up to 8m high above** this newly poured highest top floor. Therefore, fall protection is continuous up to 8m high.
6. The brief description of the FAÇADEFIRST methodology is the construction work area is wrapped in a **FAÇADEFIRST Protection Safety Cocoon** creating a safe environment and **remains** in place to be the final complete external permanent façade finish of the building design.
7. Basically the FAÇADEFIRST is installed before the floors and columns to create fall protection, a reversal of today's 100 year old, costly and dangerous practices.
8. FAÇADEFIRST changes nothing, it only reverses the 100 year old, unsafe and dangerous practice of floor first, then façade. The FAÇADEFIRST methodology is, **FAÇADEFIRST, then floor**. Simple and will greatly increase productivity and reduce cost.
9. Depending on the building types, car parks, apartments, commercial buildings, precast concrete buildings, low/high rise buildings, there is more than **ten (10) EXPENSIVE** construction steps **ELIMINATED**, resulting in **high productivity, reduced cost** and time saved, allowing the next trade to work.

THERE IS NO REASON WHY THIS INNOVATION WILL NOT WORK OR BECOME THE NEXT GENERATION OF SMART MODERN CONSTRUCTION METHODOLOGY.

INNOVATIVE | SAFETY | PRODUCTIVITY

NOTE:

"CROWD FUNDING" IS SUCCESSFUL, WHY NOT "CROWD ENGINEERING". WE WELCOME ALL CREATIVE ENGINEERING MINDS TO SEND US YOUR CREATIVE THOUGHTS OR WORK WITH US AND GET INVOLVED.

NEW BUILDING CONSTRUCTION INNOVATION

NEW CONSTRUCTION METHODOLOGY

FAÇADEFIRST™

- ❖ Preston was established in 1969 and since 1974 has invented many successful patented construction products which includes the very successful **SuperDeck** and **superAccess** and **SuperBarrier** products.
See our website www.prestonaustralia.com
- ❖ **EXPRESSIONS OF INTEREST** is sought for our new **patented construction methodology** erecting buildings **without** scaffolding, perimeter screens, handrails, fall harness or any other worker perimeter protection.
- ❖ **The Patented Invention** FAÇADEFIRST is the permanent decorative external façade, which is also the scaffold, the perimeter screens, the handrails and the fall protection to protect workers.
NO scaffolding | NO perimeter screens | NO handrails | NO fall harness or protection
- ❖ **FAÇADEFIRST Innovation** has a huge potential to change the methodology of today's conventional way of constructing any buildings or structures.
- ❖ **Ideal for many types of buildings** or structures, low or high rise apartments, commercial buildings and especially **carparks** including precast concrete buildings and **timber buildings**.
- ❖ **Brief details of FAÇADEFIRST innovation** – the permanent finished decorative External FAÇADEFIRST is the scaffold, the handrails and the perimeter screens, the fall protection and all the safety required to construct a structure, safely without scaffolding, handrails and perimeter screens.
- ❖ This FAÇADEFIRST Innovation is a game changer and will save monumental time and cost with reduced workers and equipment on site, resulting in **cost saving, increasing productivity and safety**.
- ❖ This patented Innovation is the first major change in over 100 years and will completely change today's complicated old fashion methodology. It's simple, we install the FAÇADEFIRST creating a **Protective Safety Cocoon** then we install the floors and columns. A totally reversed way of today's time consuming, costly, unsafe and dangerous 100 year old practices.
- ❖ We are looking for **Interested Parties** to **develop** and **commercialise** this new Innovation, or to purchase the FAÇADEFIRST Concept and patents outright. Any proposal, JV, R&D will be considered.
- ❖ Currently **patent** applications can be filed in **192 countries**.

❖ **INCREASED PROFITS**

❖ **REDUCED COST**

❖ **INCREASED PRODUCTIVITY**

❖ **REDUCED TIMETABLE**

❖ **INCREASED SAFETY**

❖ **REDUCED TIME ON-SITE**

❖ **INCREASED INNOVATION**

❖ **REDUCED LABOUR & EQUIPMENT**

MEETING THE STANDARD IS GOOD. SETTING THE STANDARD IS BETTER

INNOVATIVE | SAFETY | PRODUCTIVITY